

FIG. 1

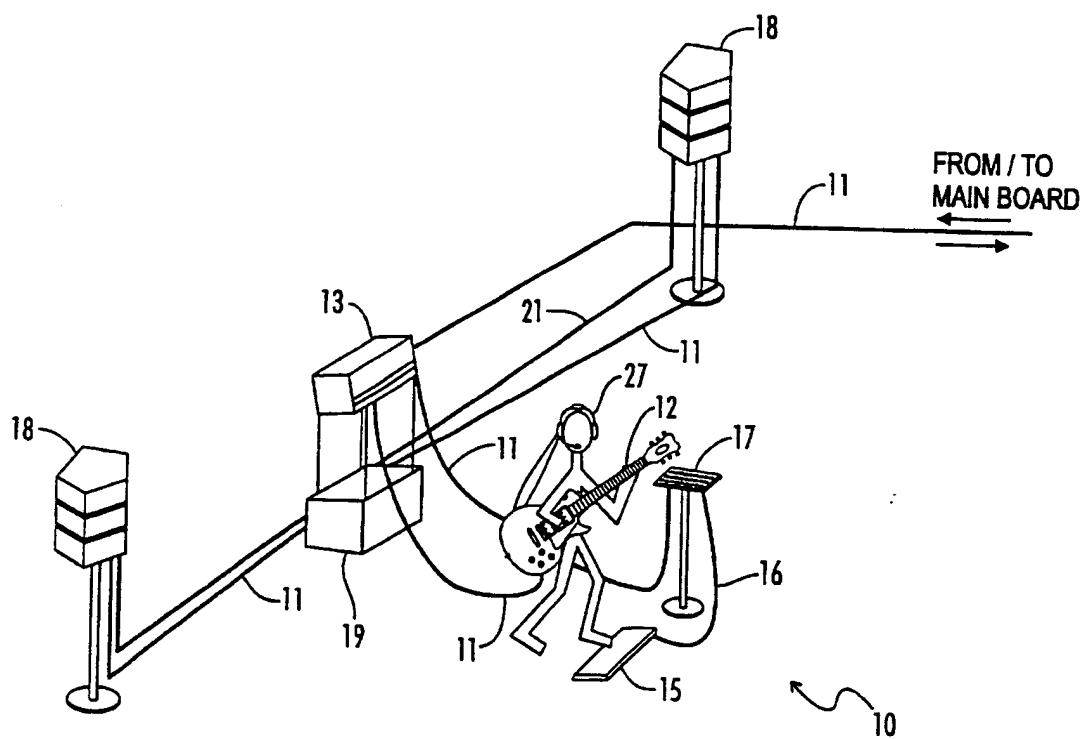


FIG. 2

N9579, N9349, N9350, & N9351
SHEET 2 OF 37

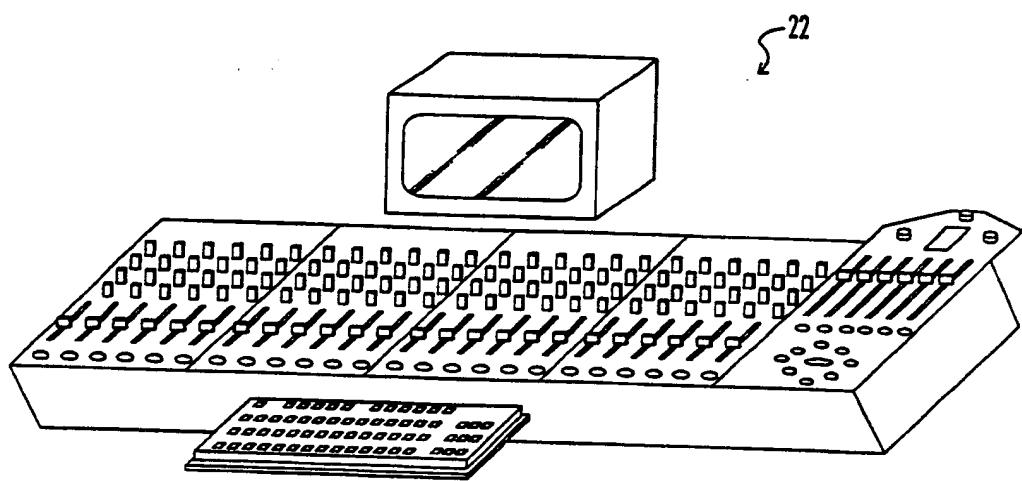


FIG. 3

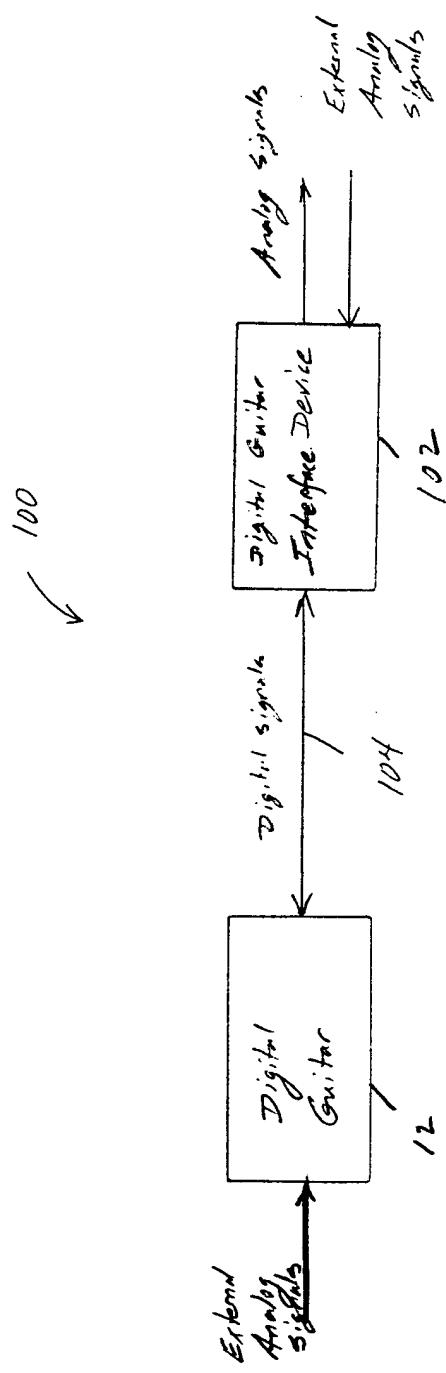


Fig. 4

N 9579, N 9349, N 9350 + N 9351

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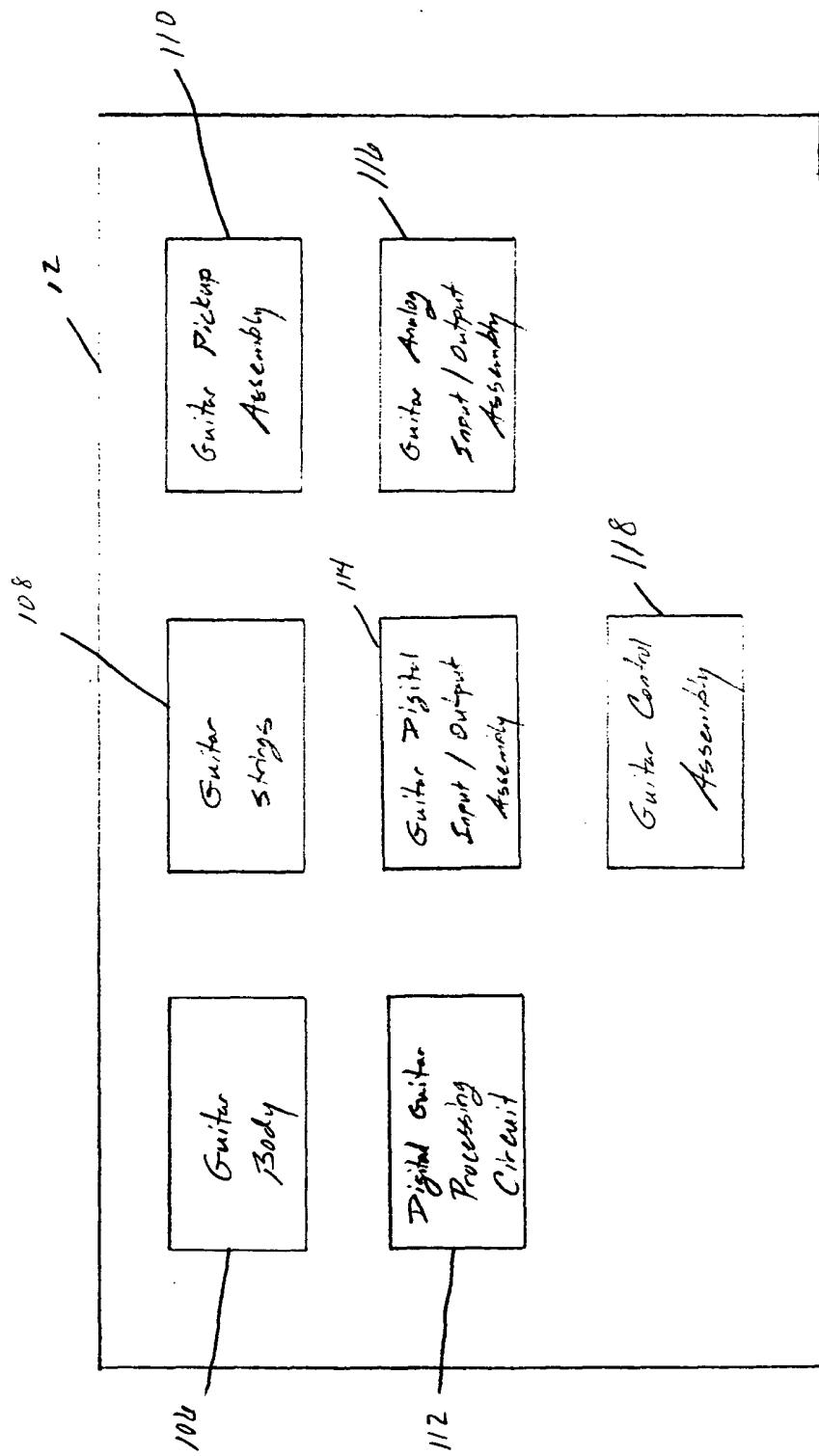


Fig. 5

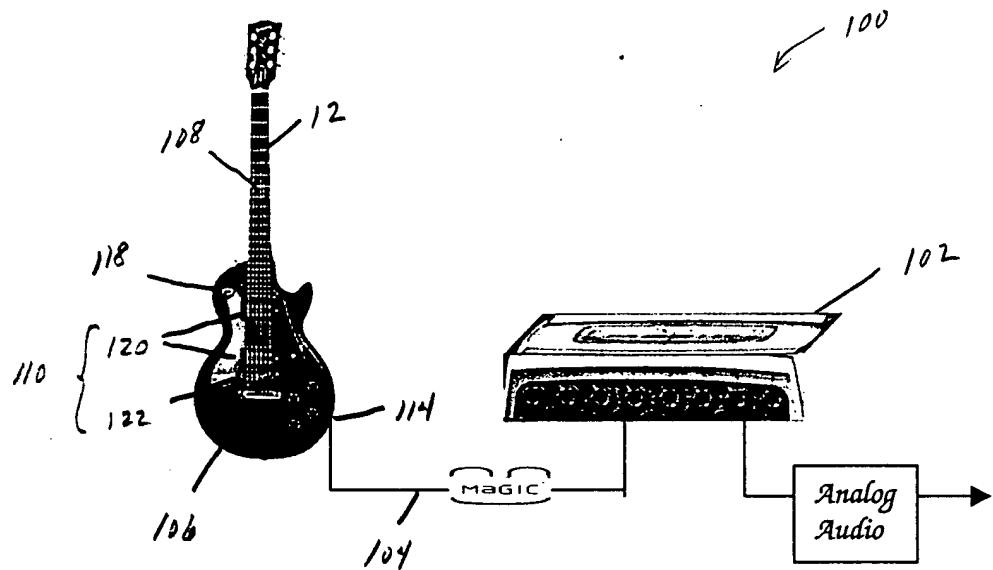


Figure 6

N9579, N9349, N9350 & N9351
SHEET 6 OF 37

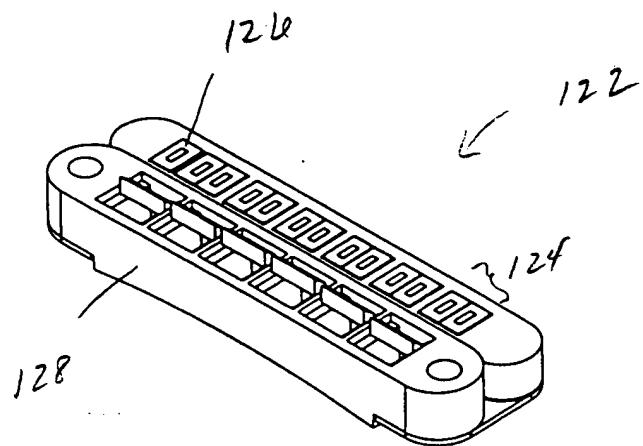


Fig. 7

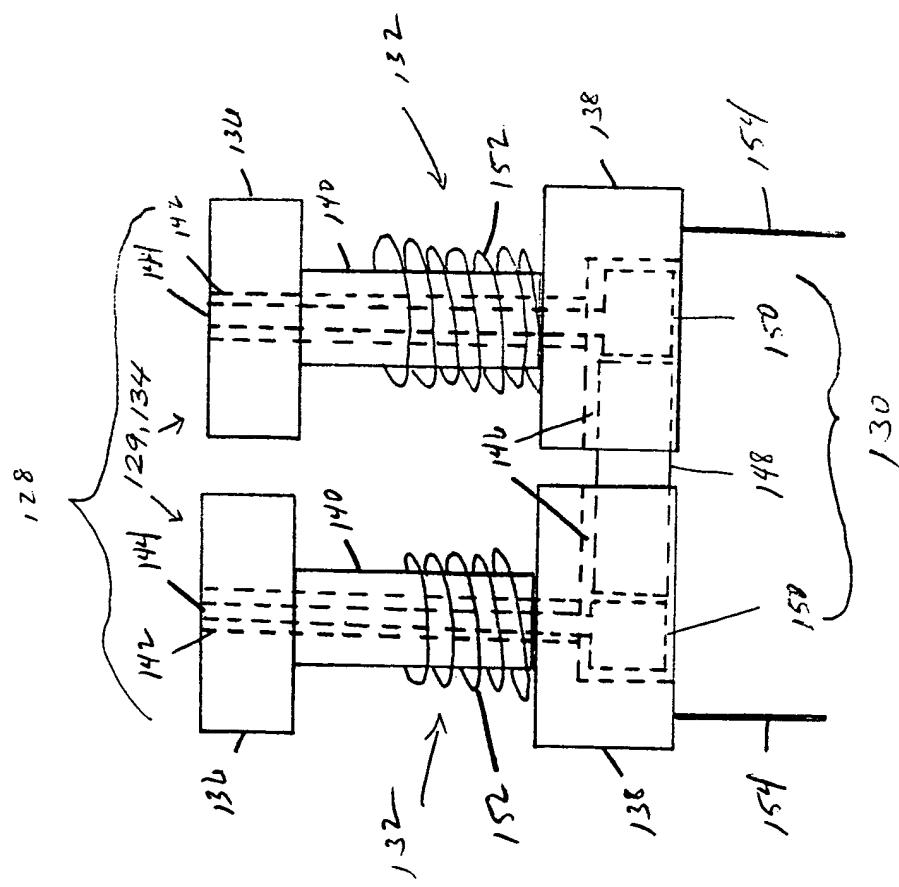


Fig. 8

Digital Guitar Processing Circuit 112

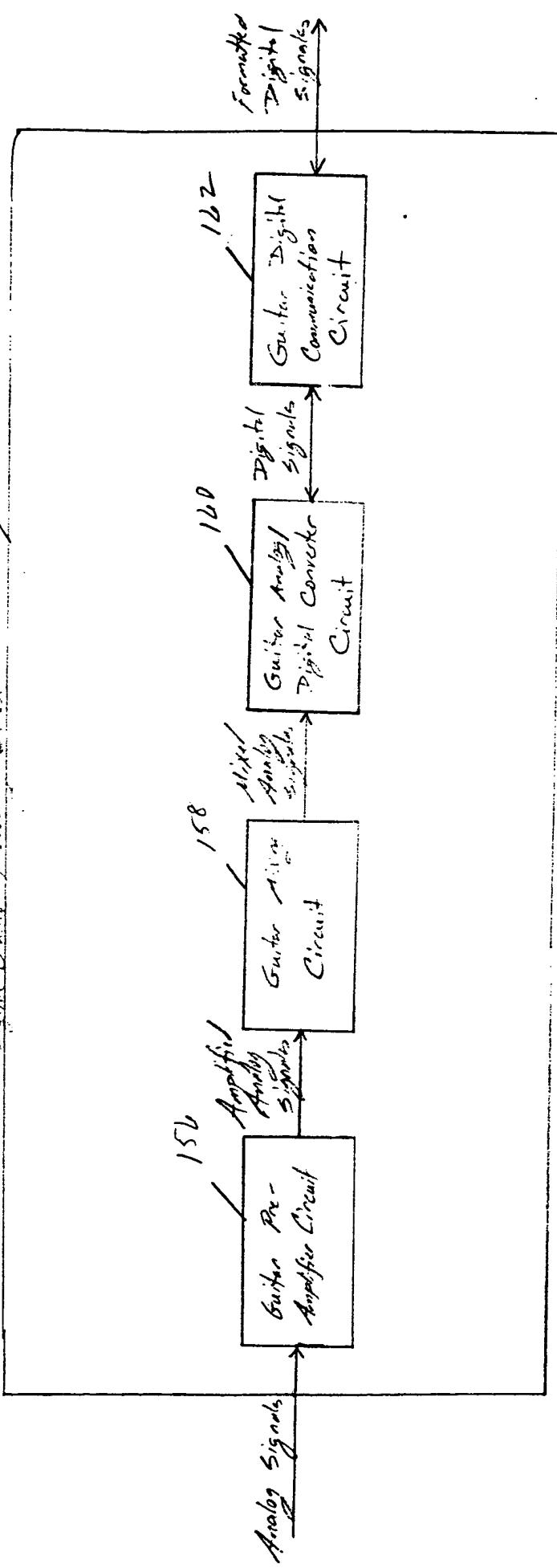


Fig. 9

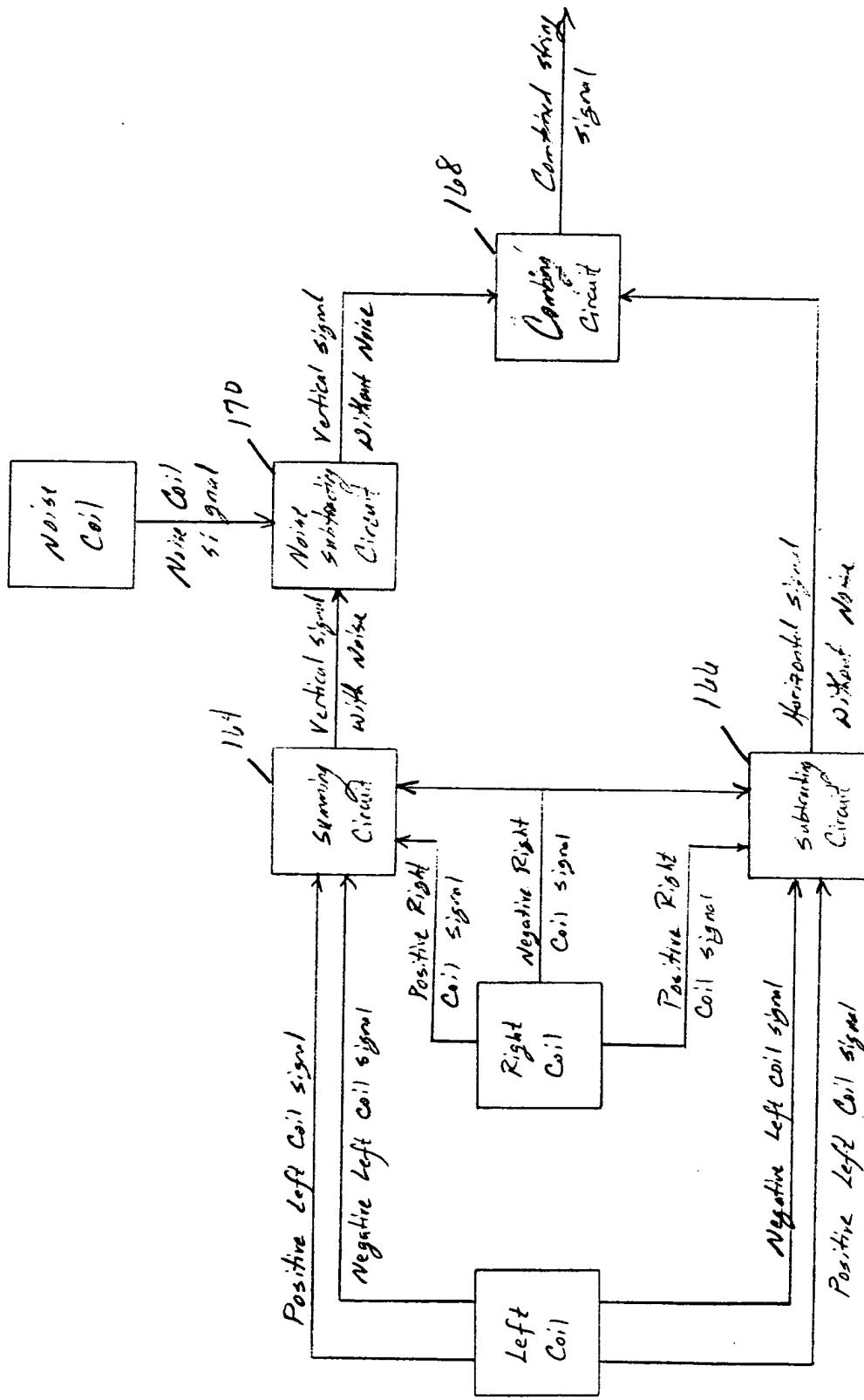


Fig. 10

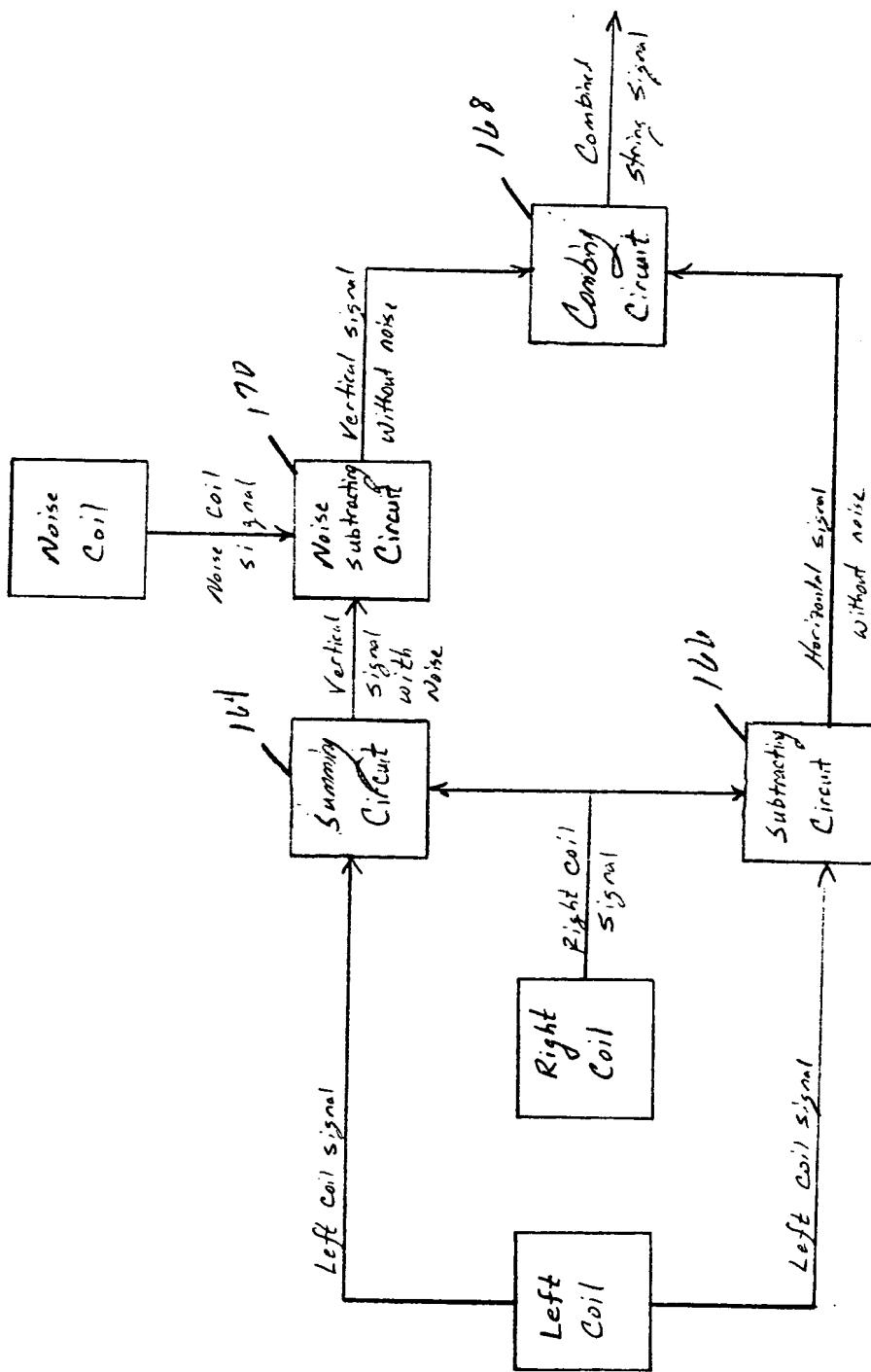


Fig. 11

Figure 12: Digital Communication Circuit

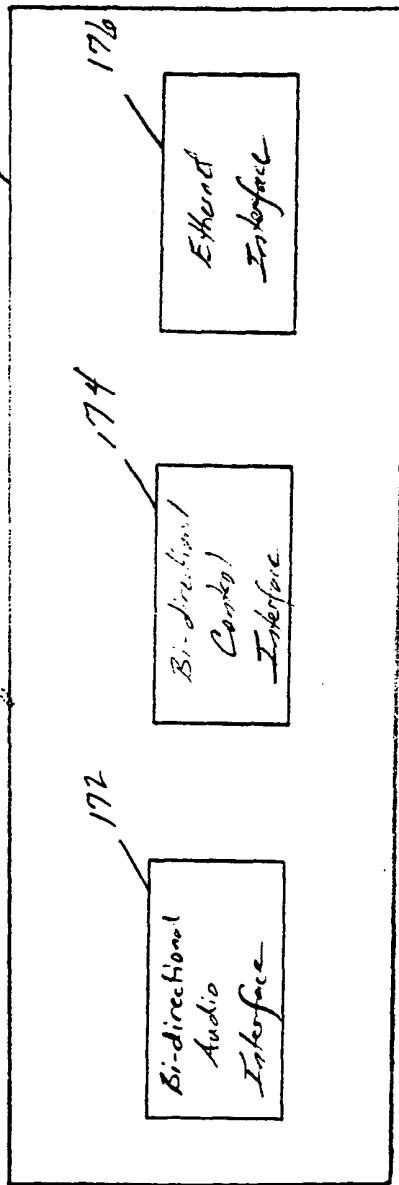


Fig 12

Digital Guitar Processing Circuit

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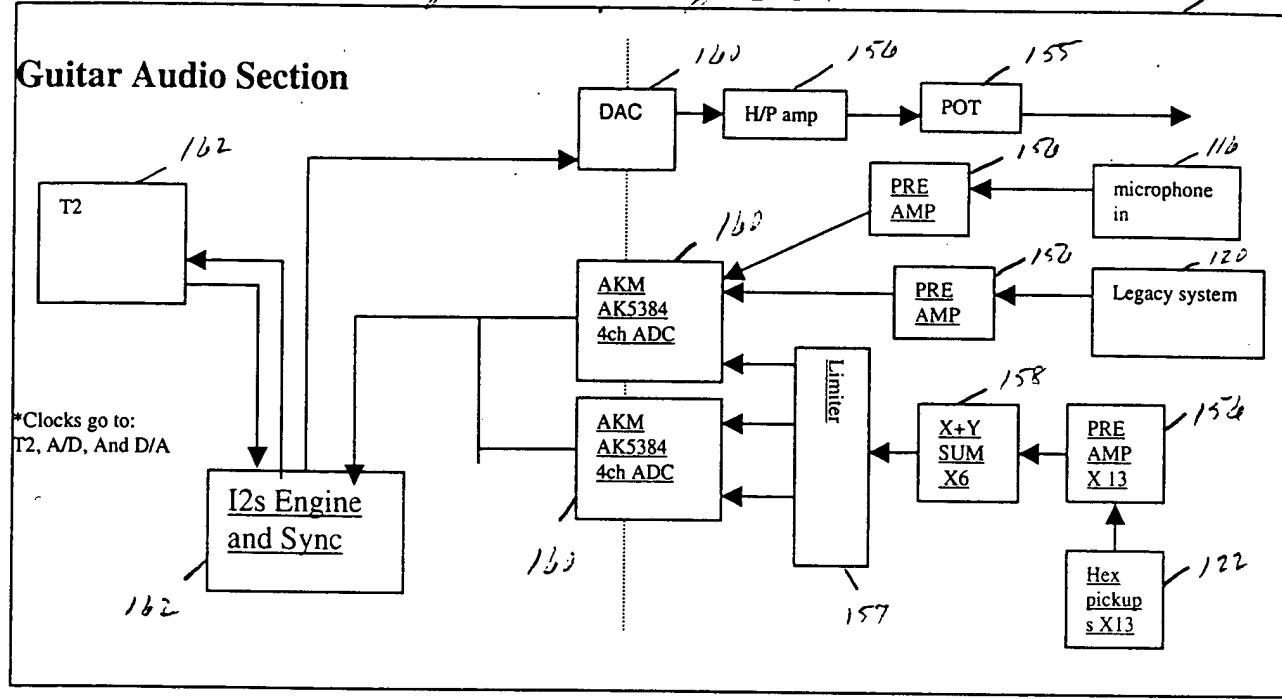


Figure 13

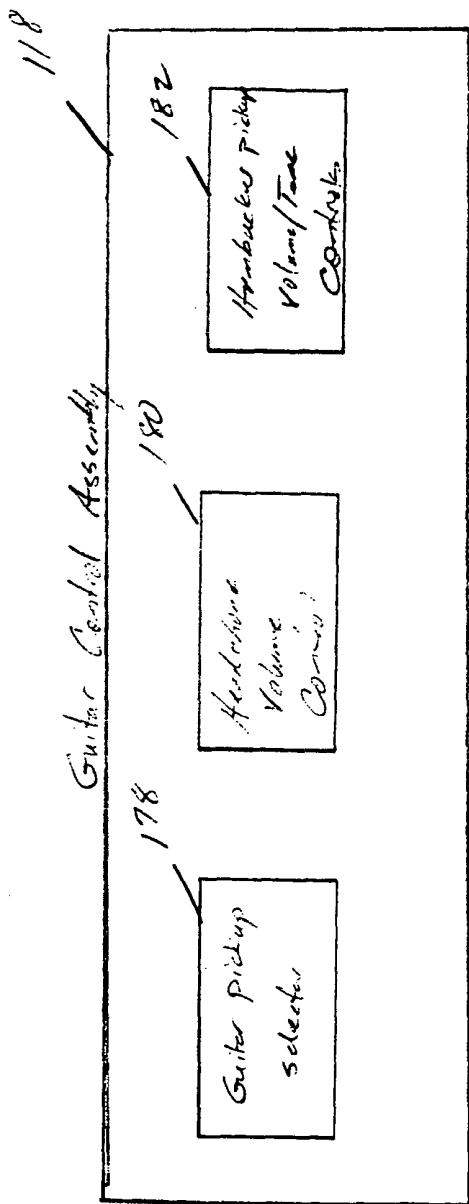


Fig 4

N9579, N9349, N9350 & N9351
SHEET 14 OF 37

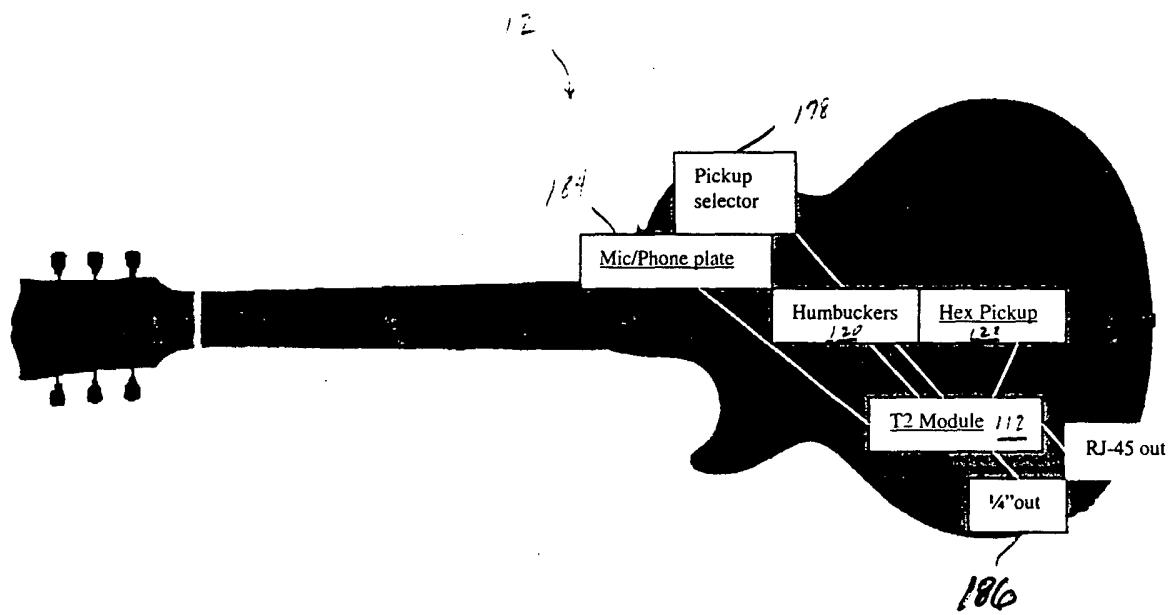


Figure 15

Preamp Section

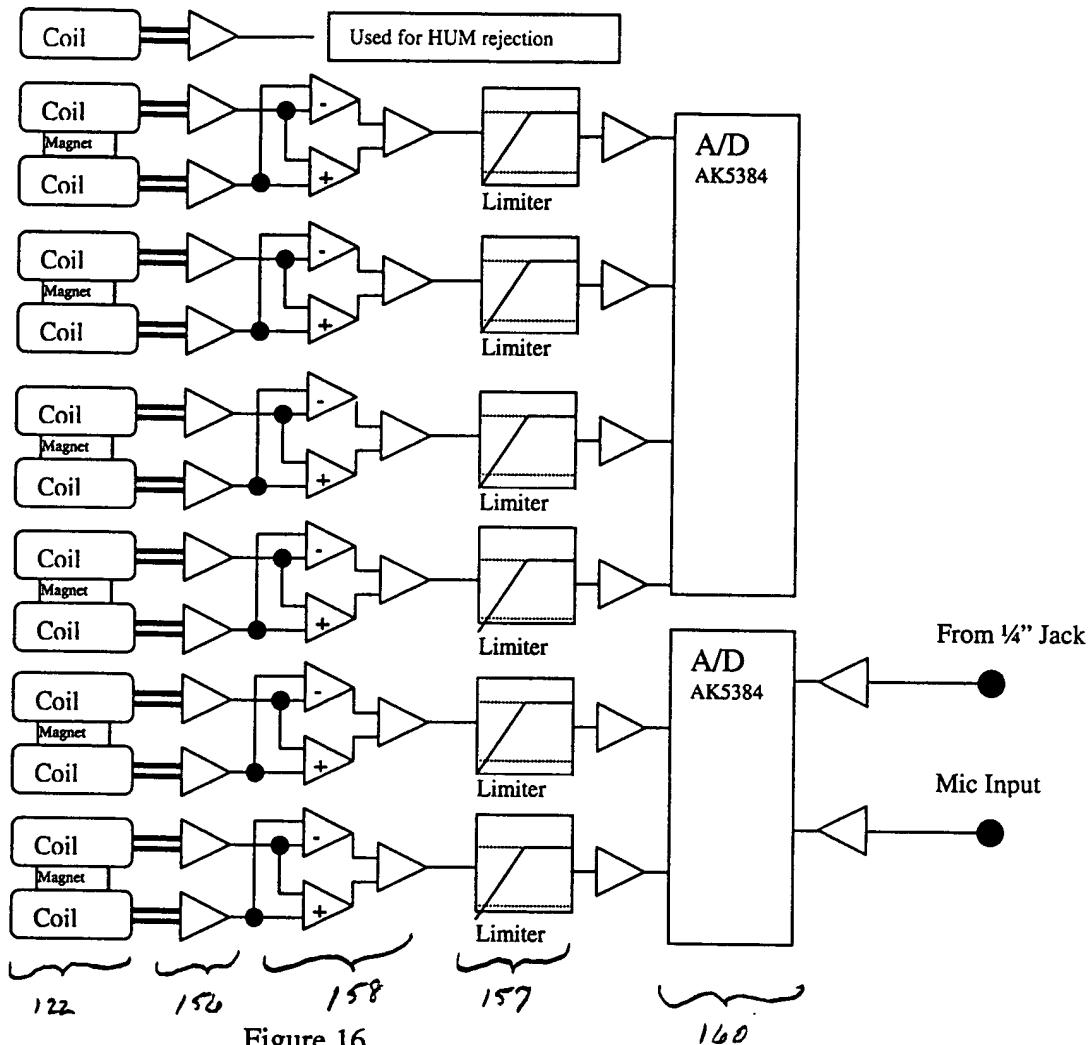


Figure 16

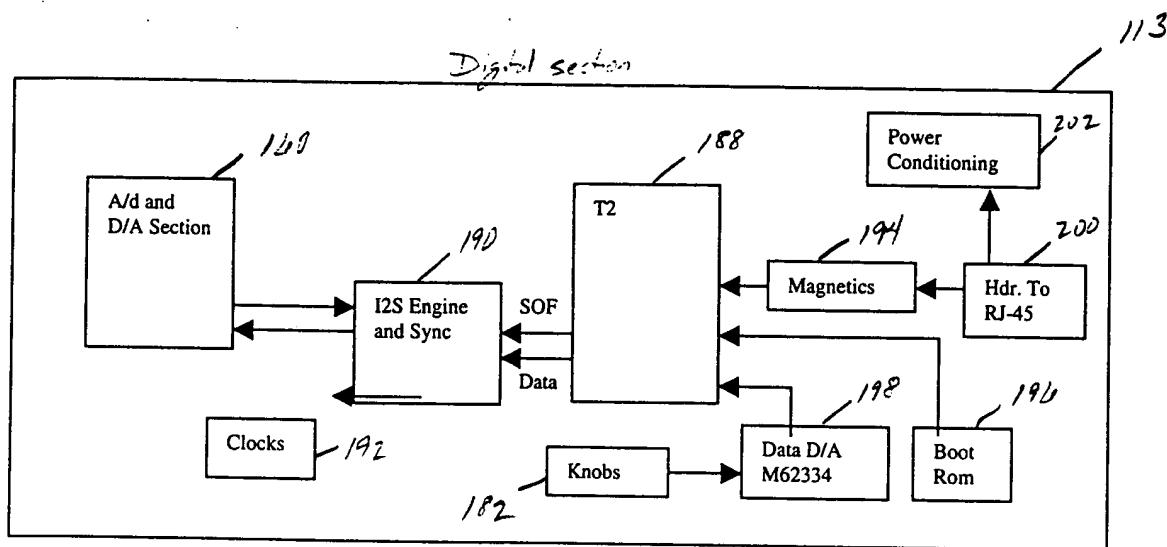


Figure 17

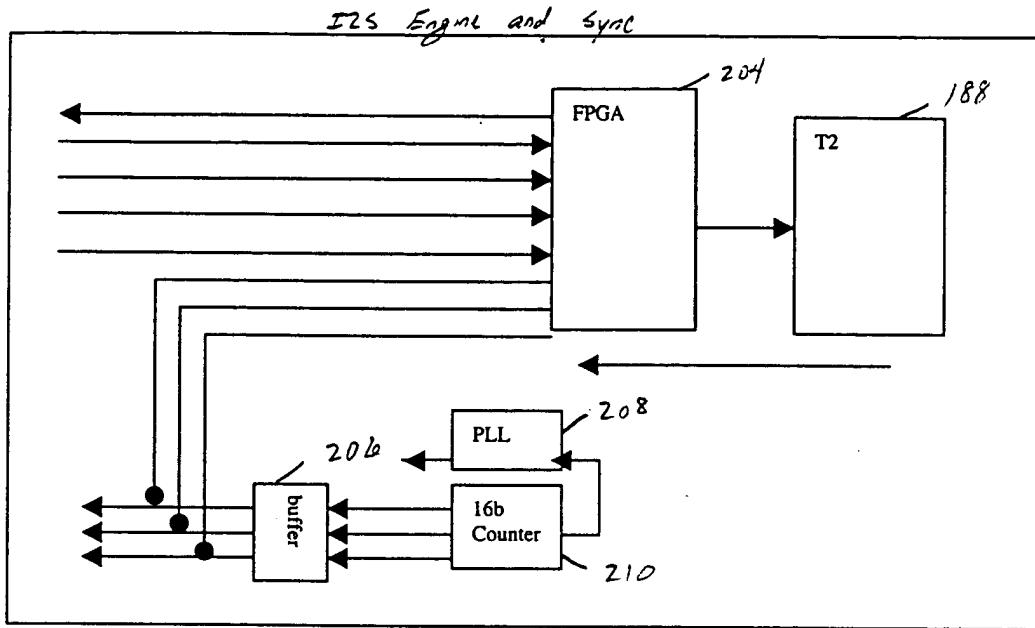


Figure 18

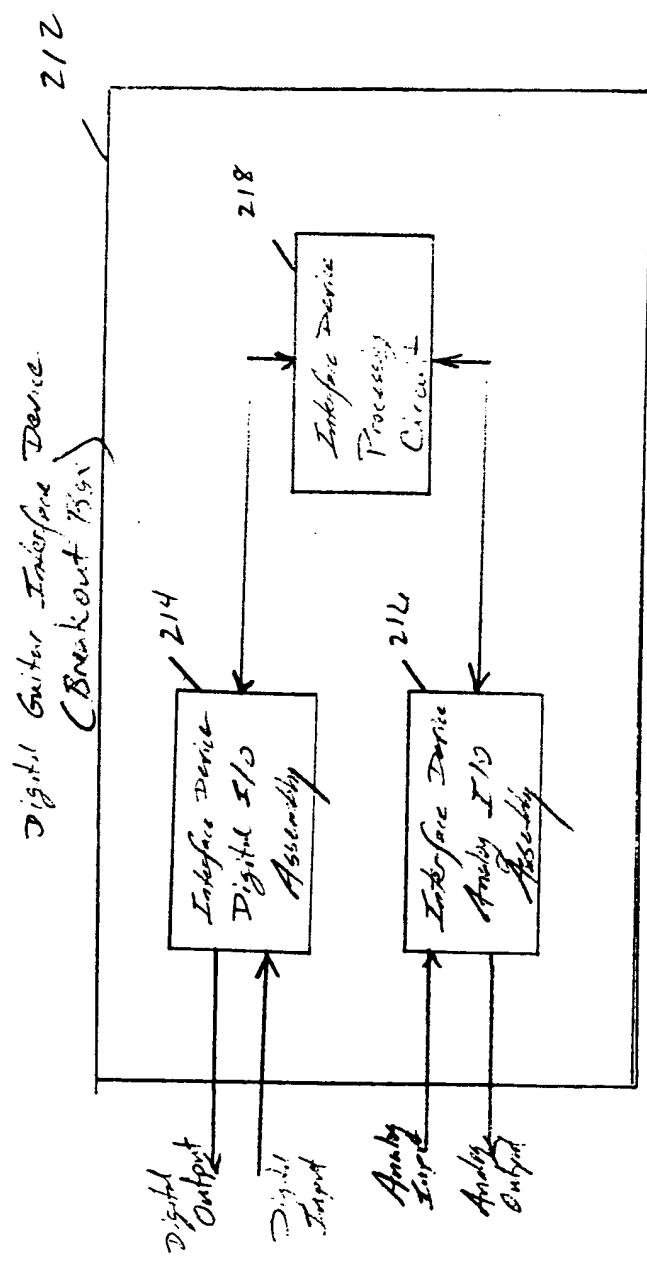


Fig. 19

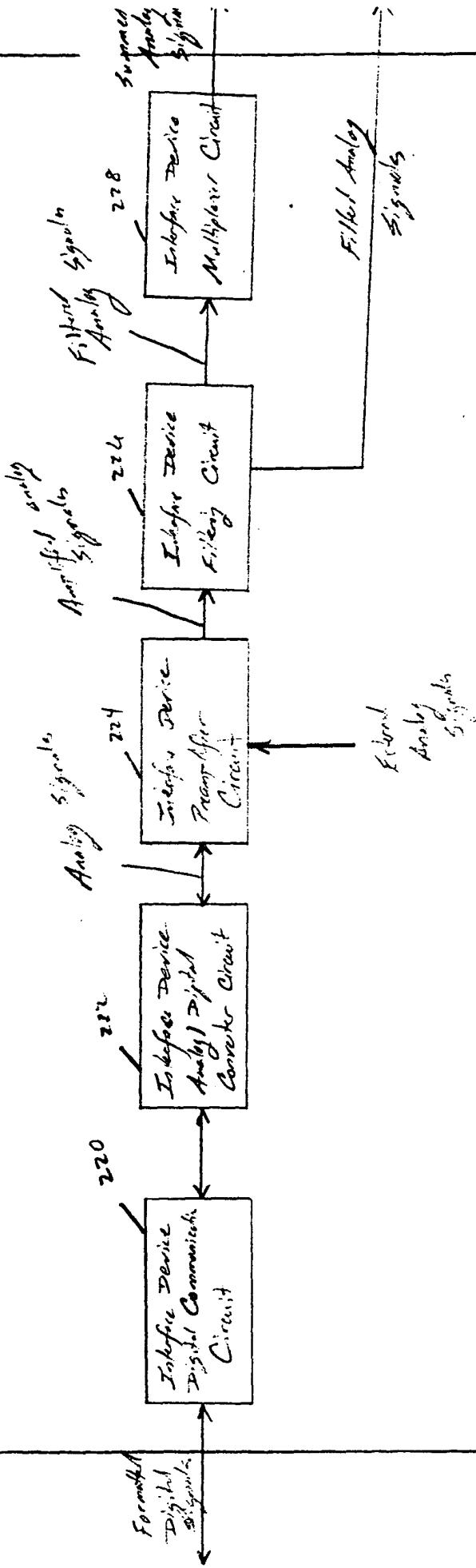
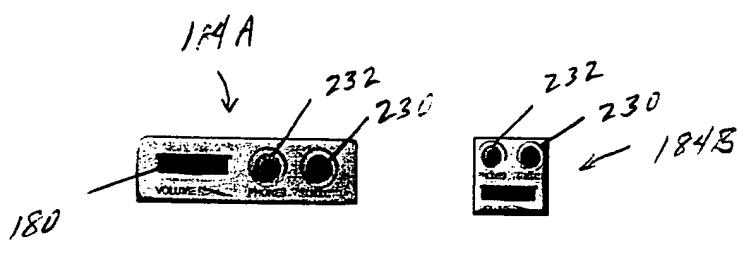


Fig. 20

N9579, N9349, N9350 & N9351
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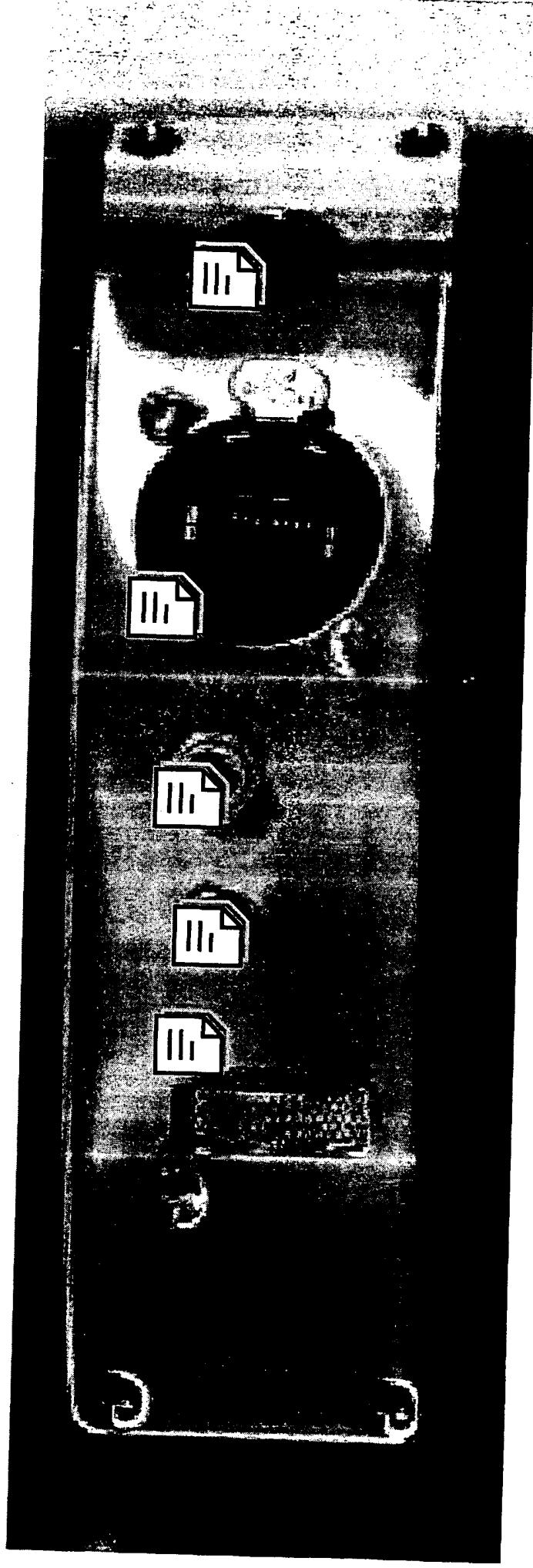


Fig. 21c

N9579, N9349, N9350 & N9351
SHEET 22 OF 37

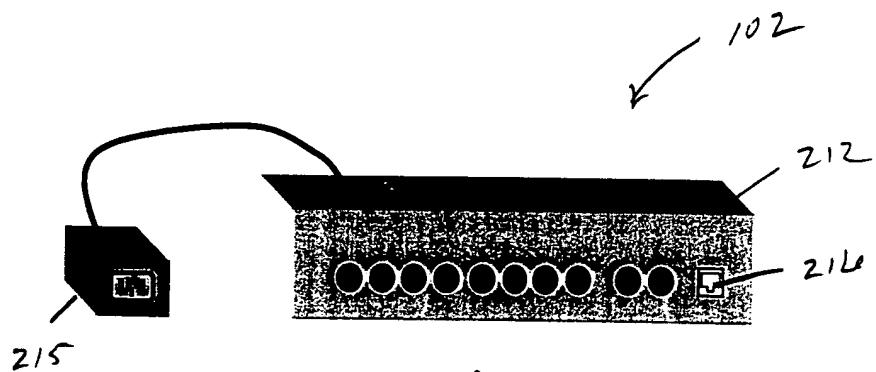


Figure 22 A

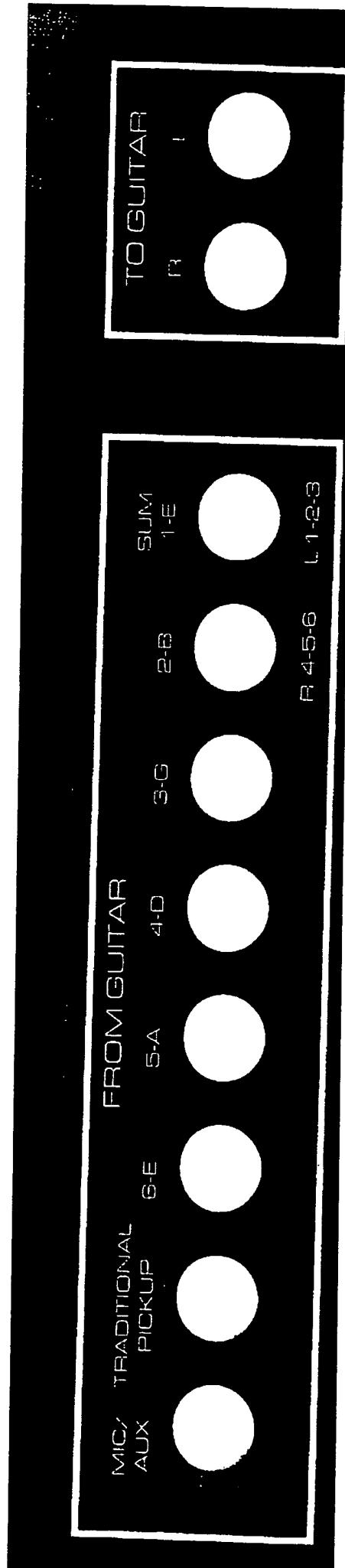


FIG. 22 B

N9579, N9349, N9350 + N9351
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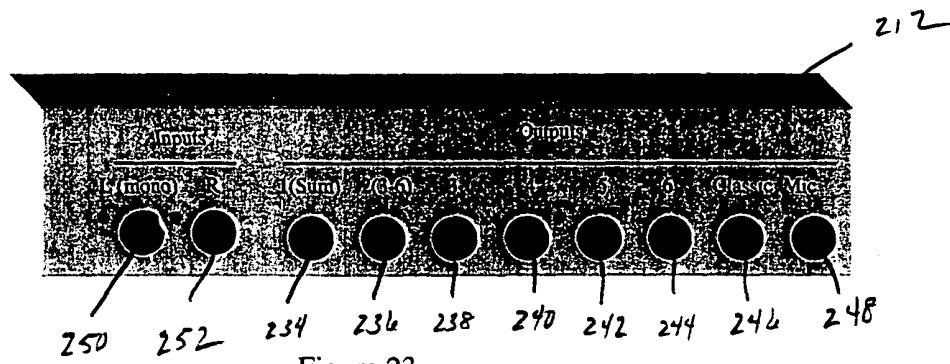


Figure 23

N9579, N9349, N9350 + N9351
SHEET 25 OF 37

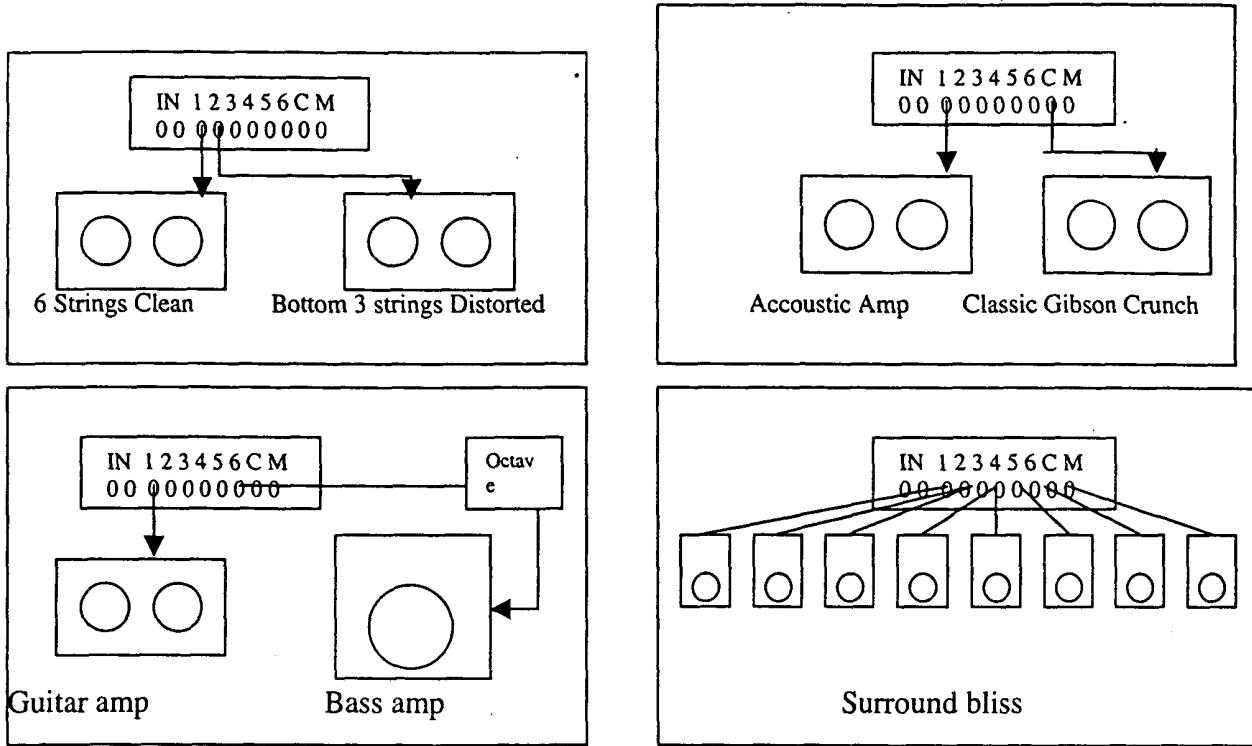


Figure 24

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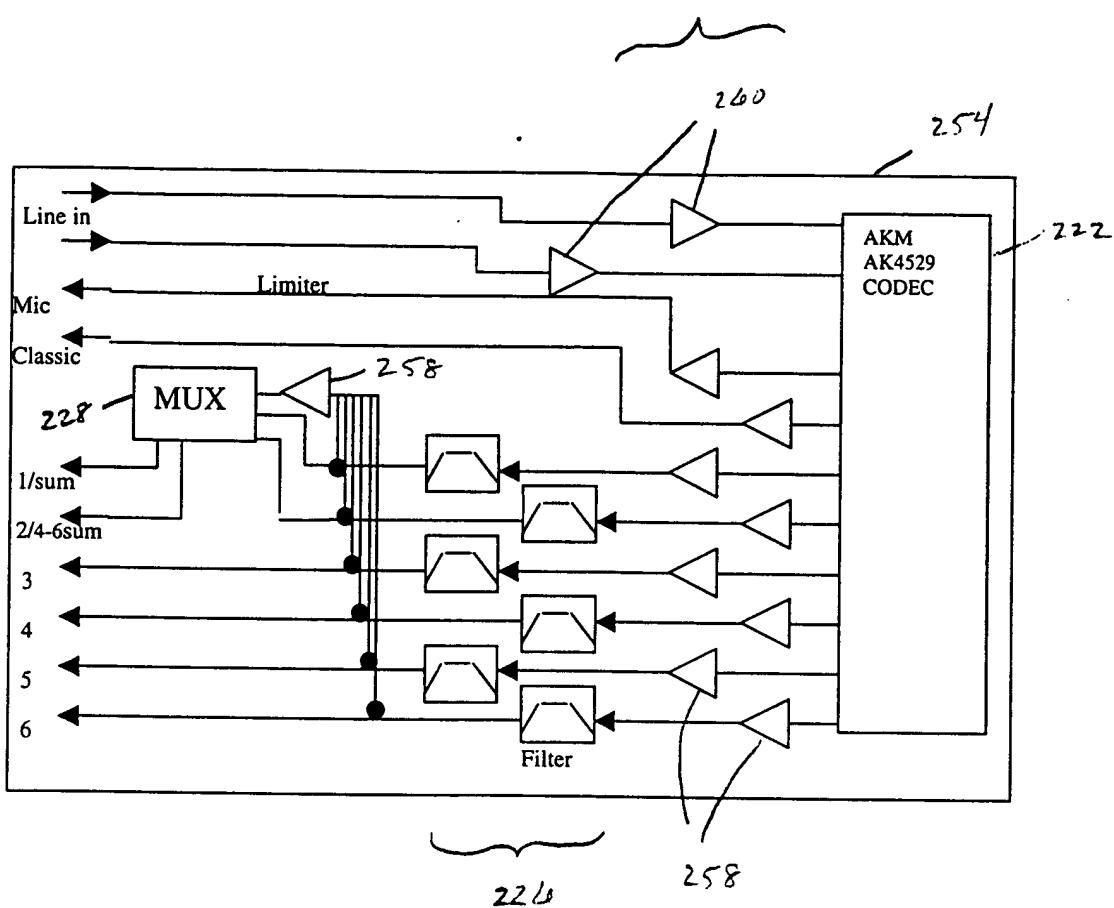


Figure 25

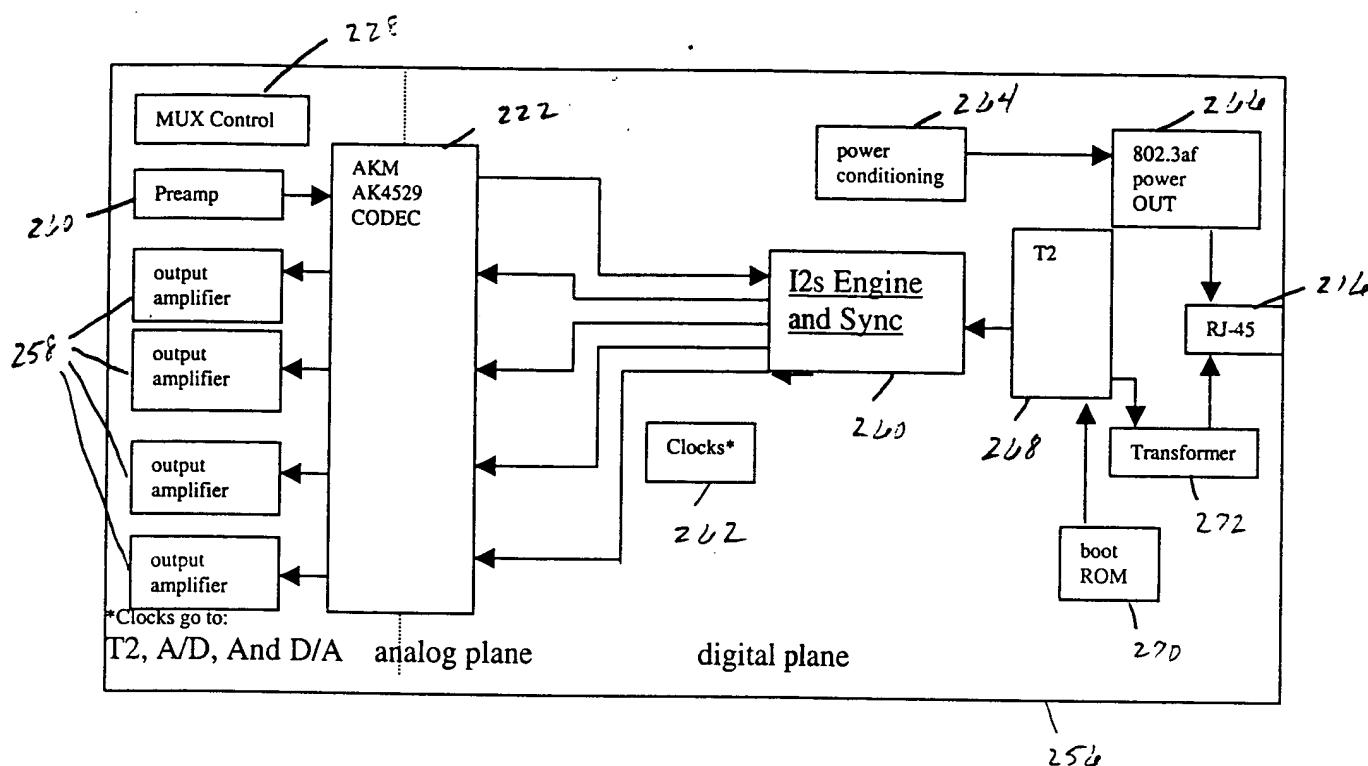


Figure 26

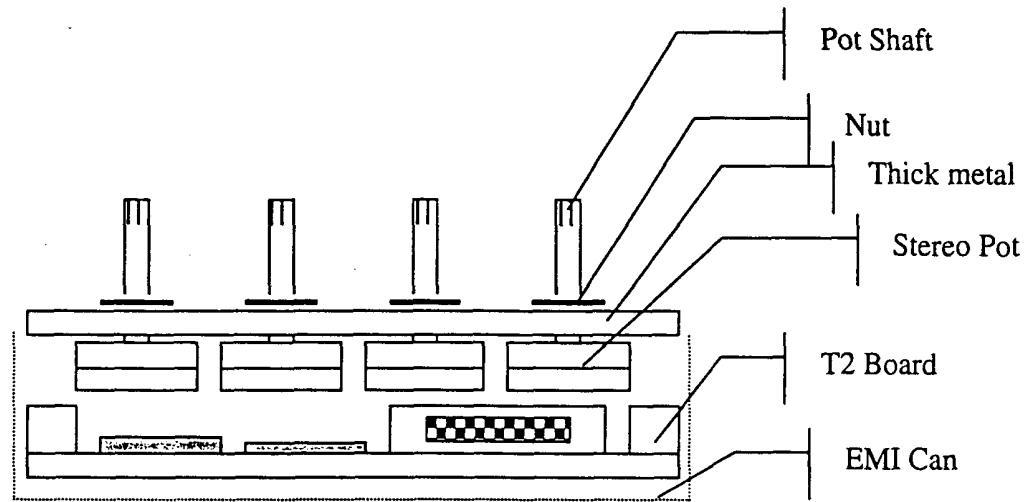


Figure 27

Passive Legacy system and Control Section

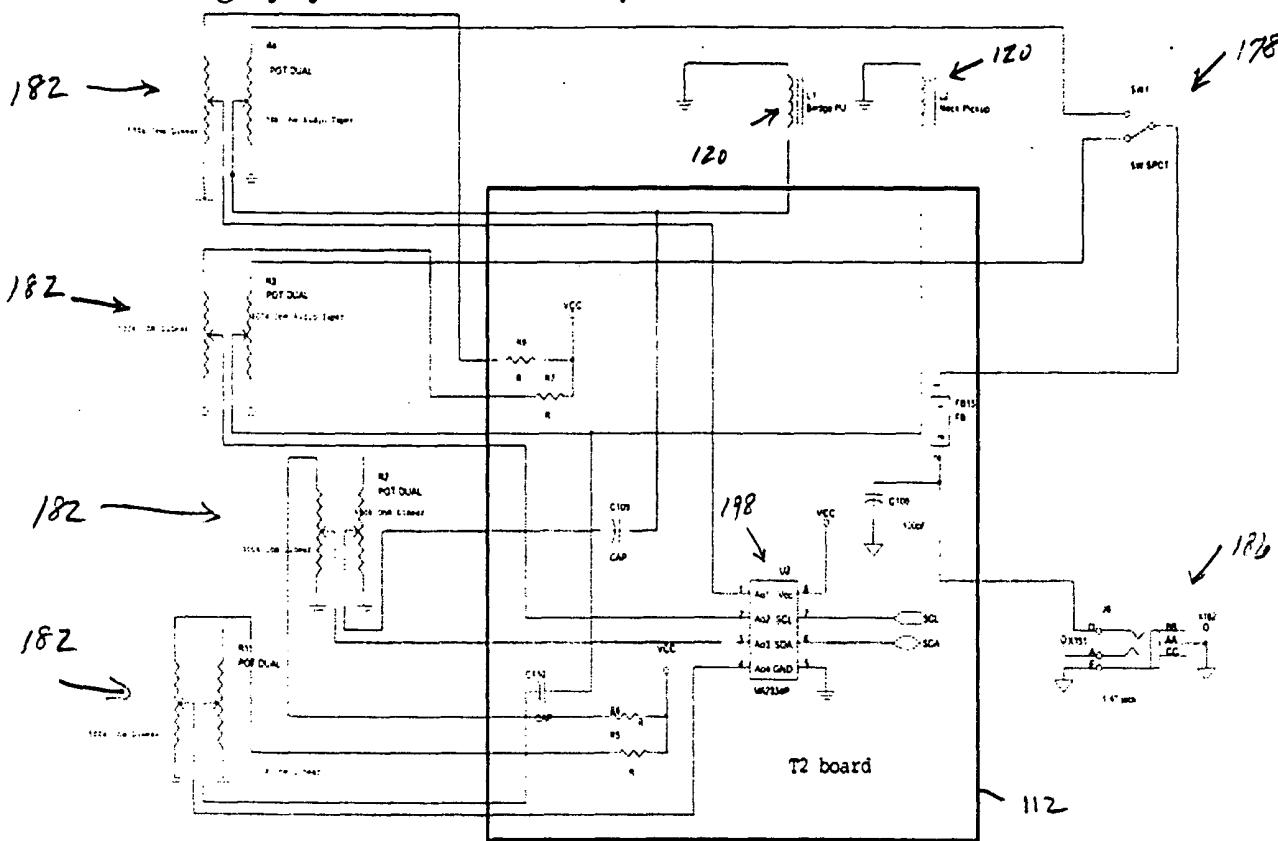
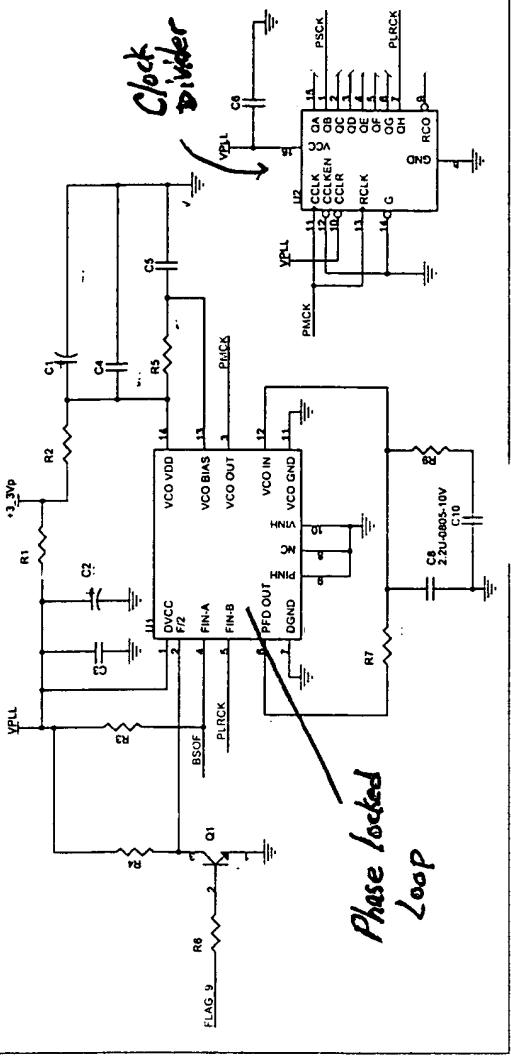
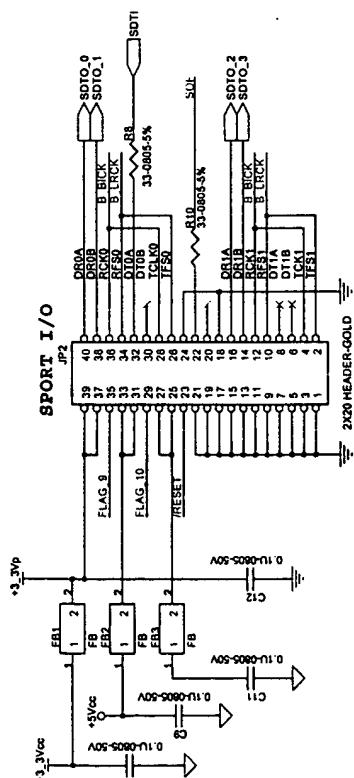
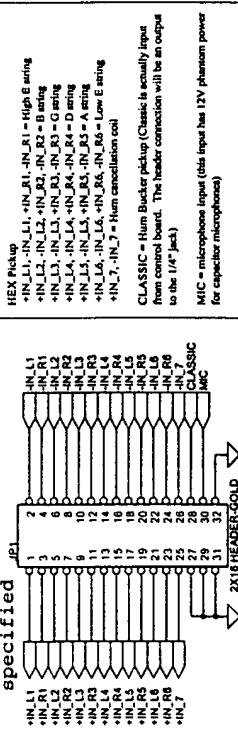


Figure 28

NOTE: All parts within this area powered by VPLL

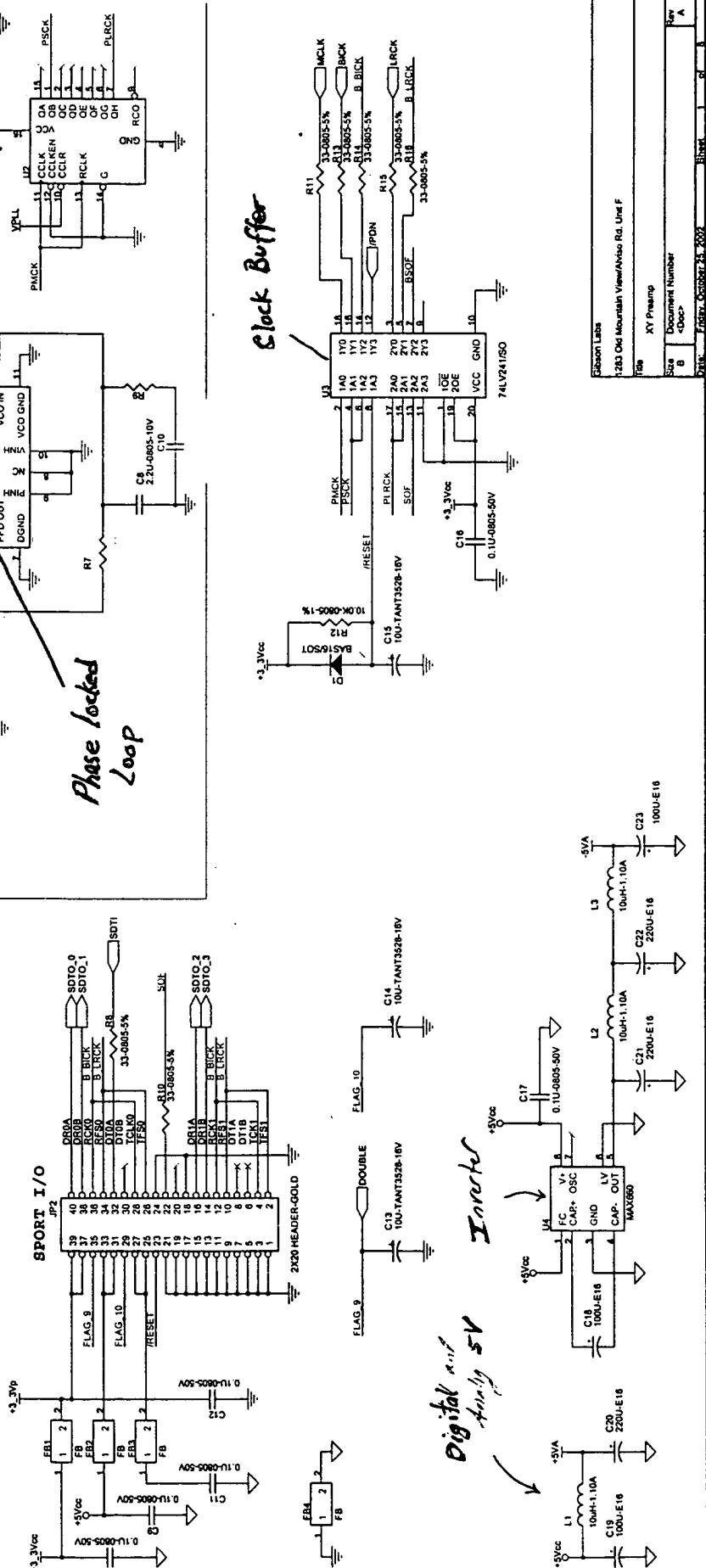


Pickup & Mic Inputs
Connector to be



HEX Pickup
 • H1.1 - H1.11, +H1.11, -H1.11 - High E string
 • H1.12, -H1.12, +H1.12, -H1.12 - B string
 • H1.13, -H1.13, +H1.13, -H1.13 - G string
 • H1.14, -H1.14, +H1.14, -H1.14 - D string
 • H1.15, -H1.15, +H1.15, -H1.15 - A string
 • H1.16, -H1.16, +H1.16, -H1.16 - E string
 • H1.17, -H1.17, +H1.17, -H1.17 - Low E string
CLASSIC - Hum Buck pickup (Classic is actually input from control board. The header connection will be an output to the 1/4" jack)

MIC - microphone input (this input has 12V phantom power for capacitor microphones)



Digital and Analog TV Inverters

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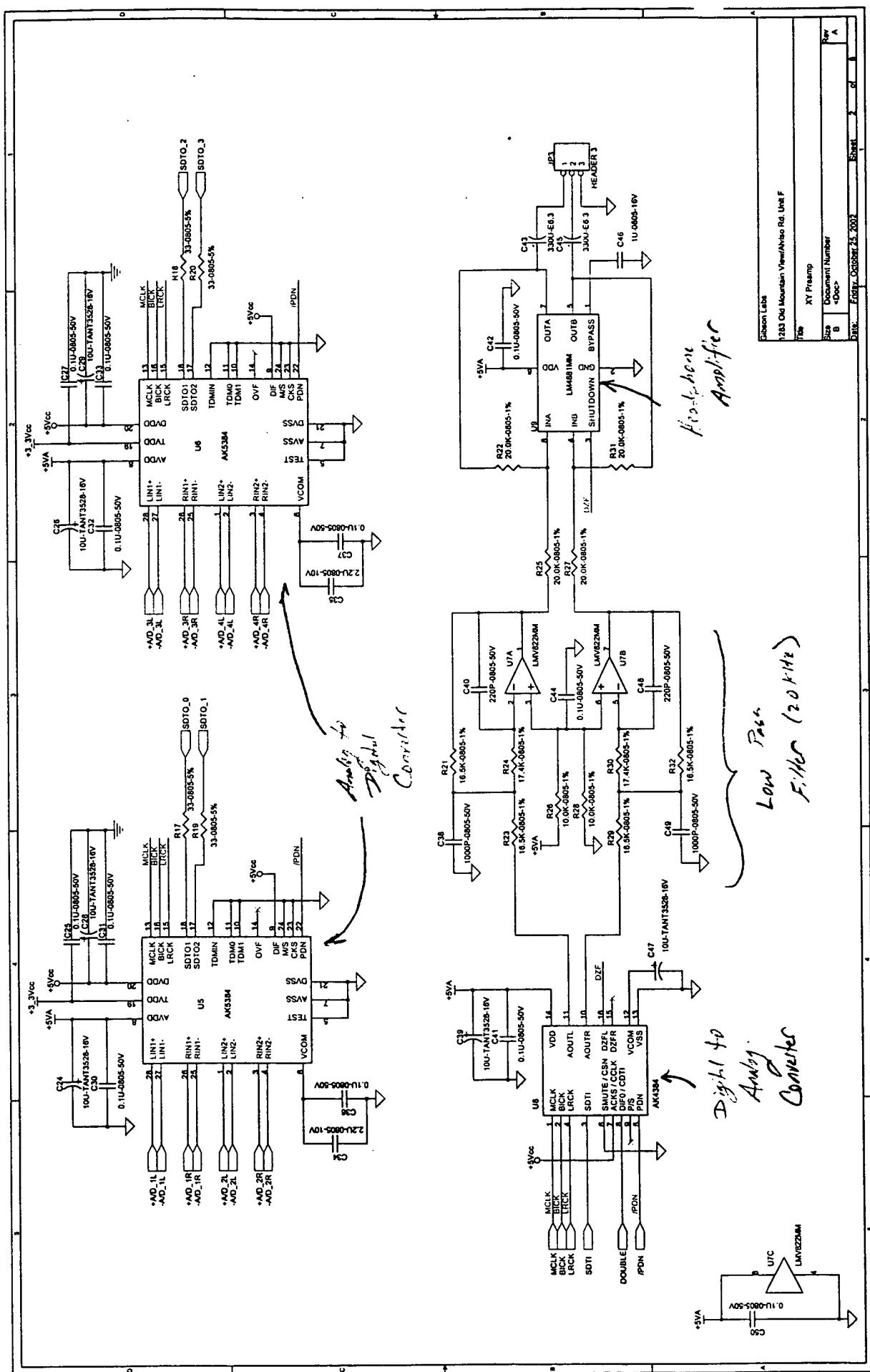
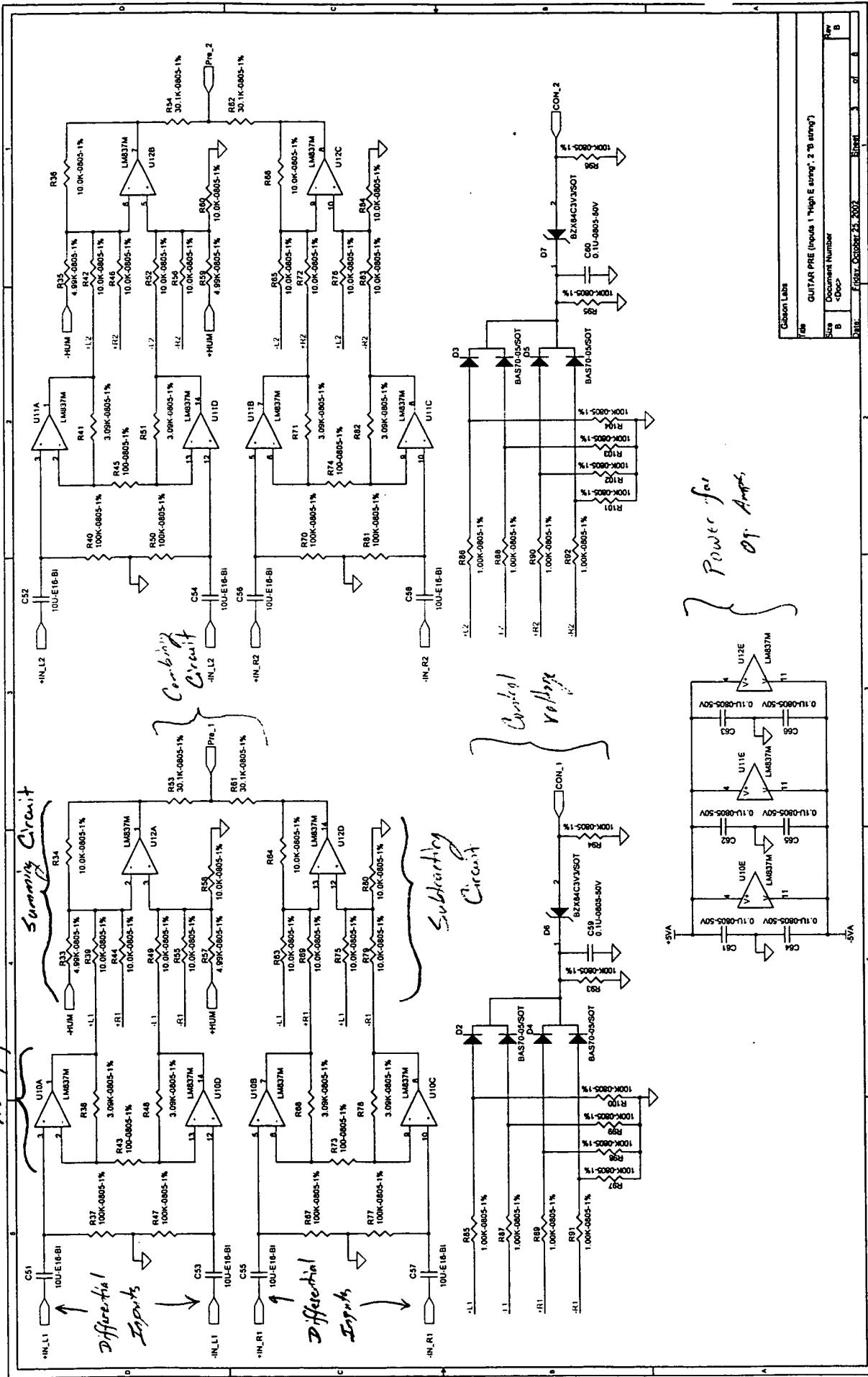


Fig. 30

Pre Amplifiers



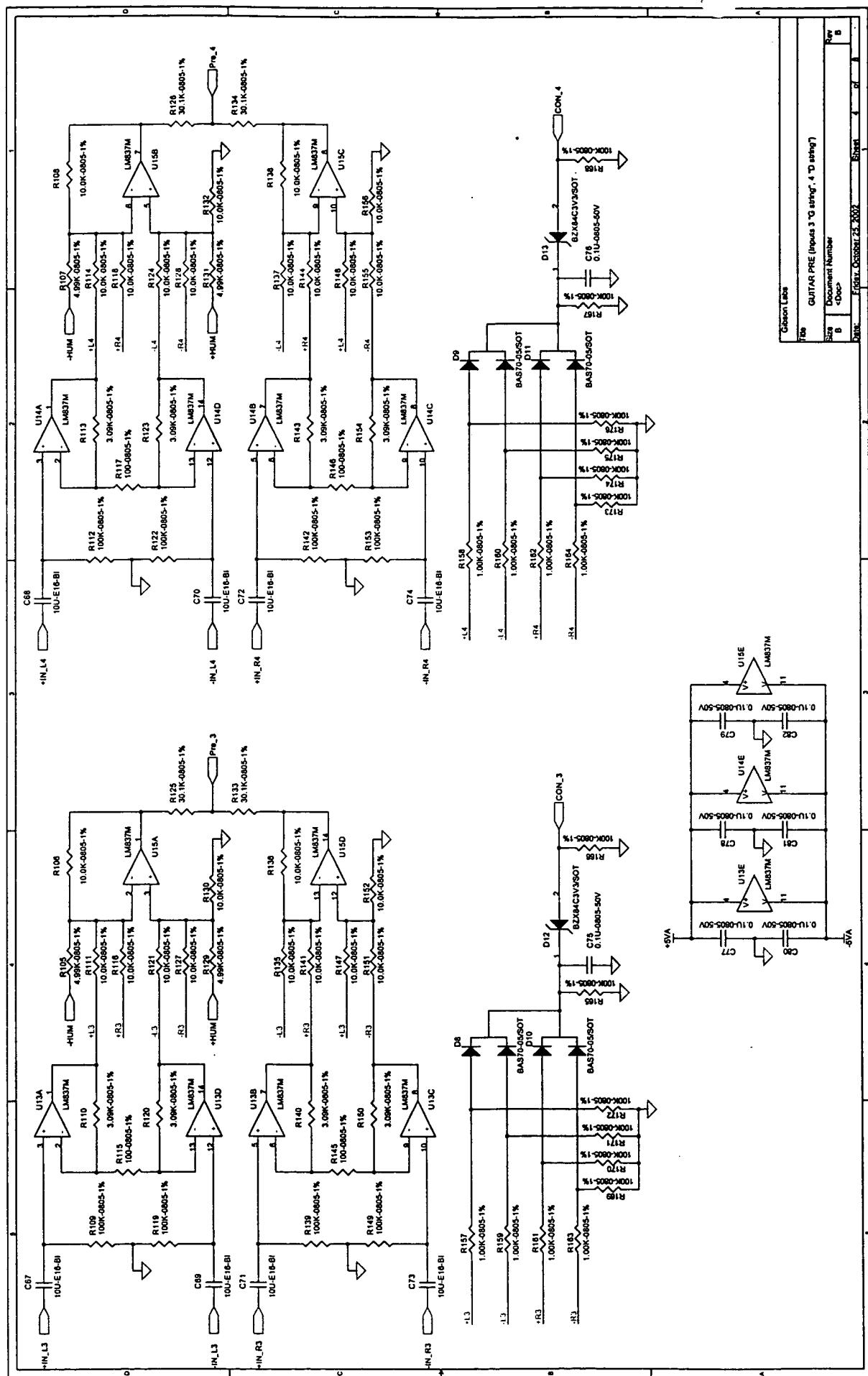
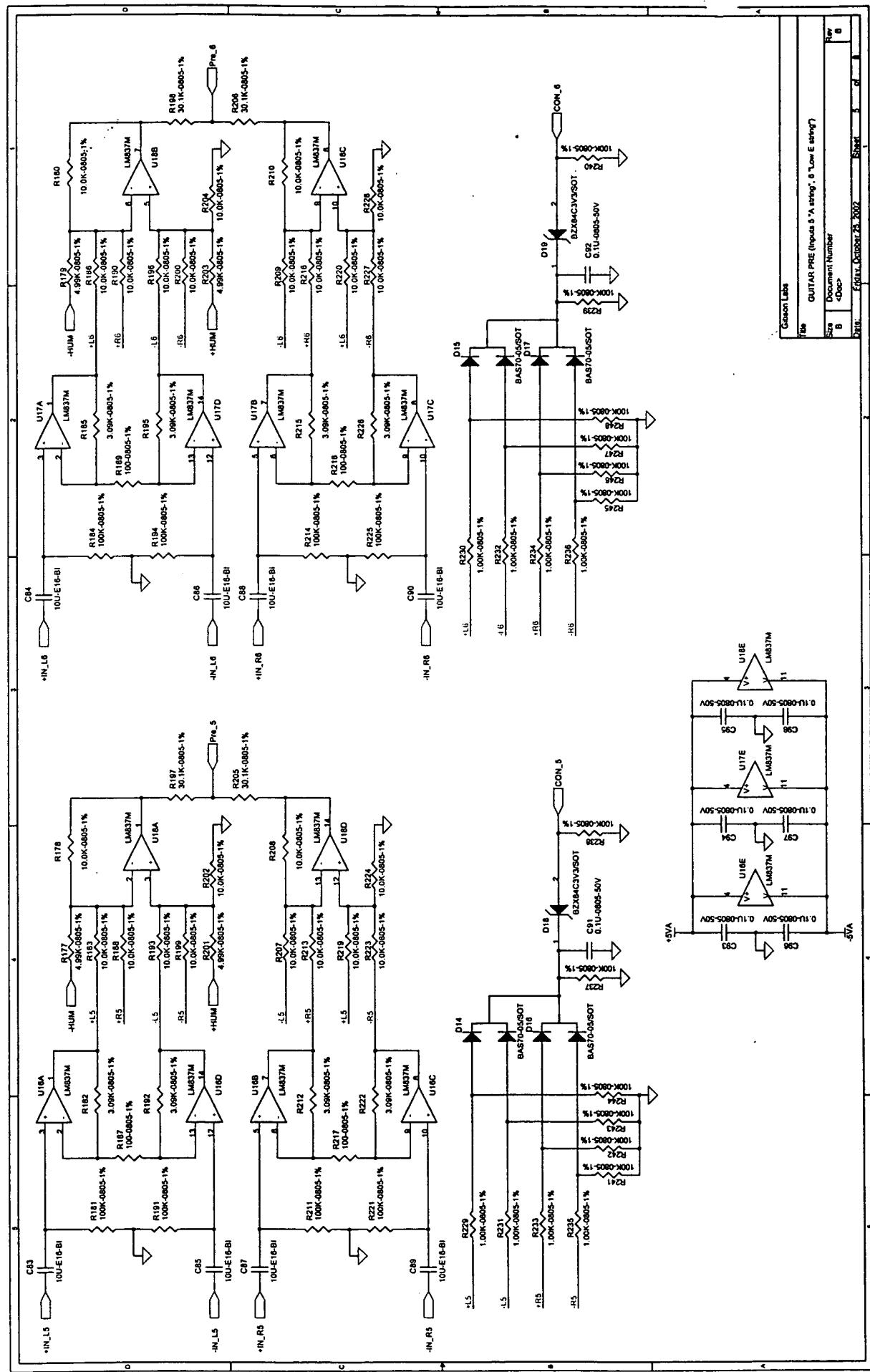


Fig. 32



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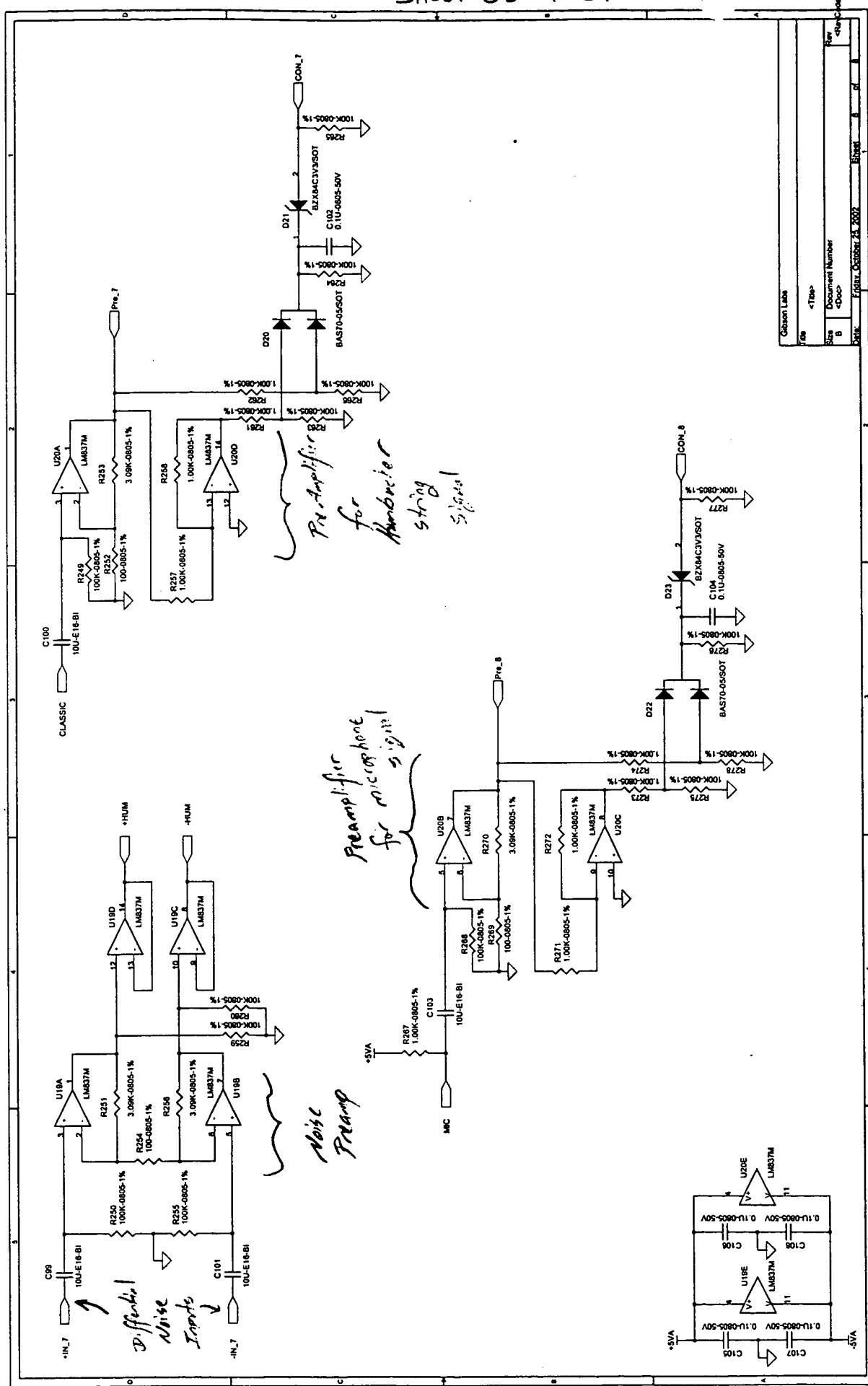
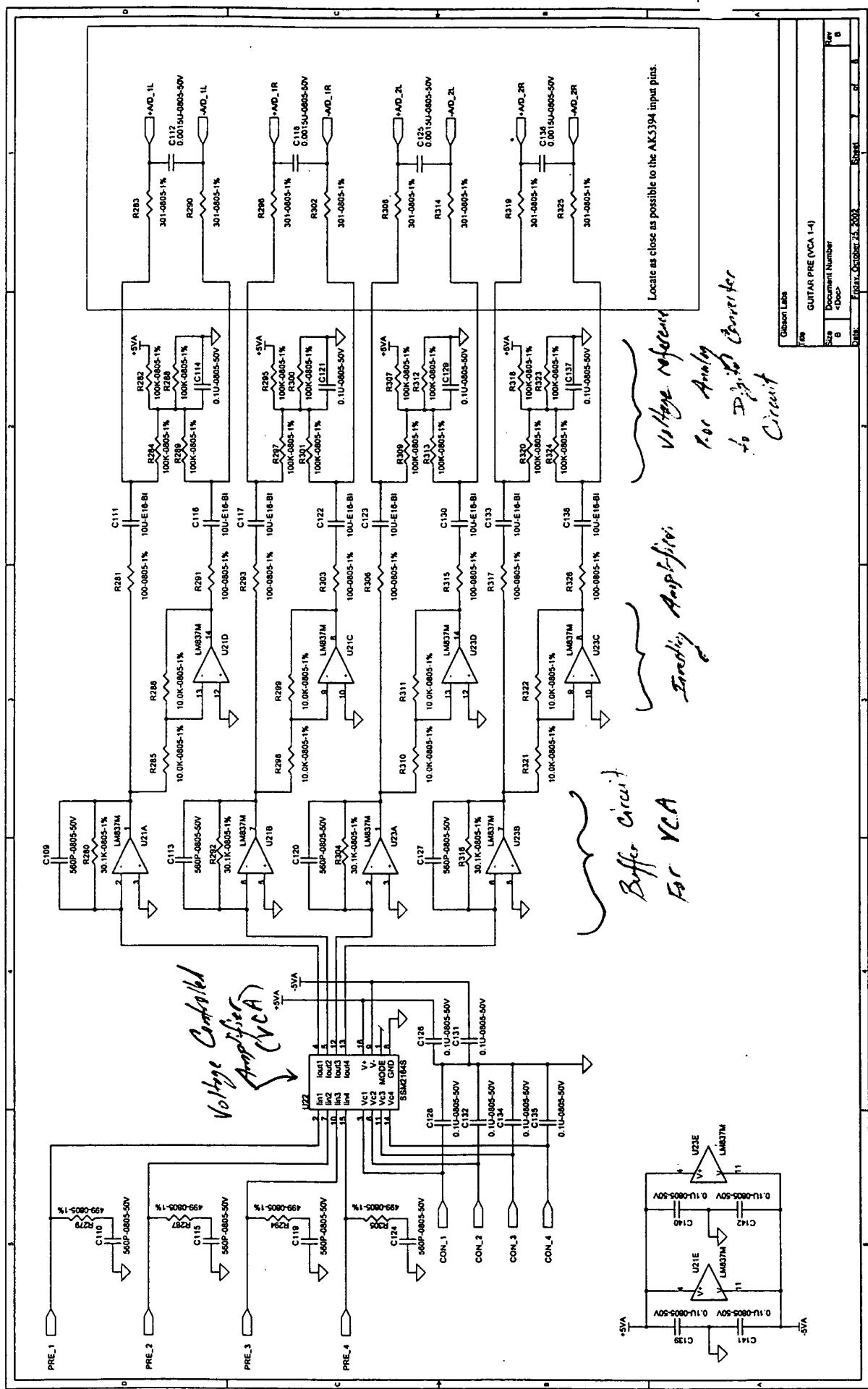
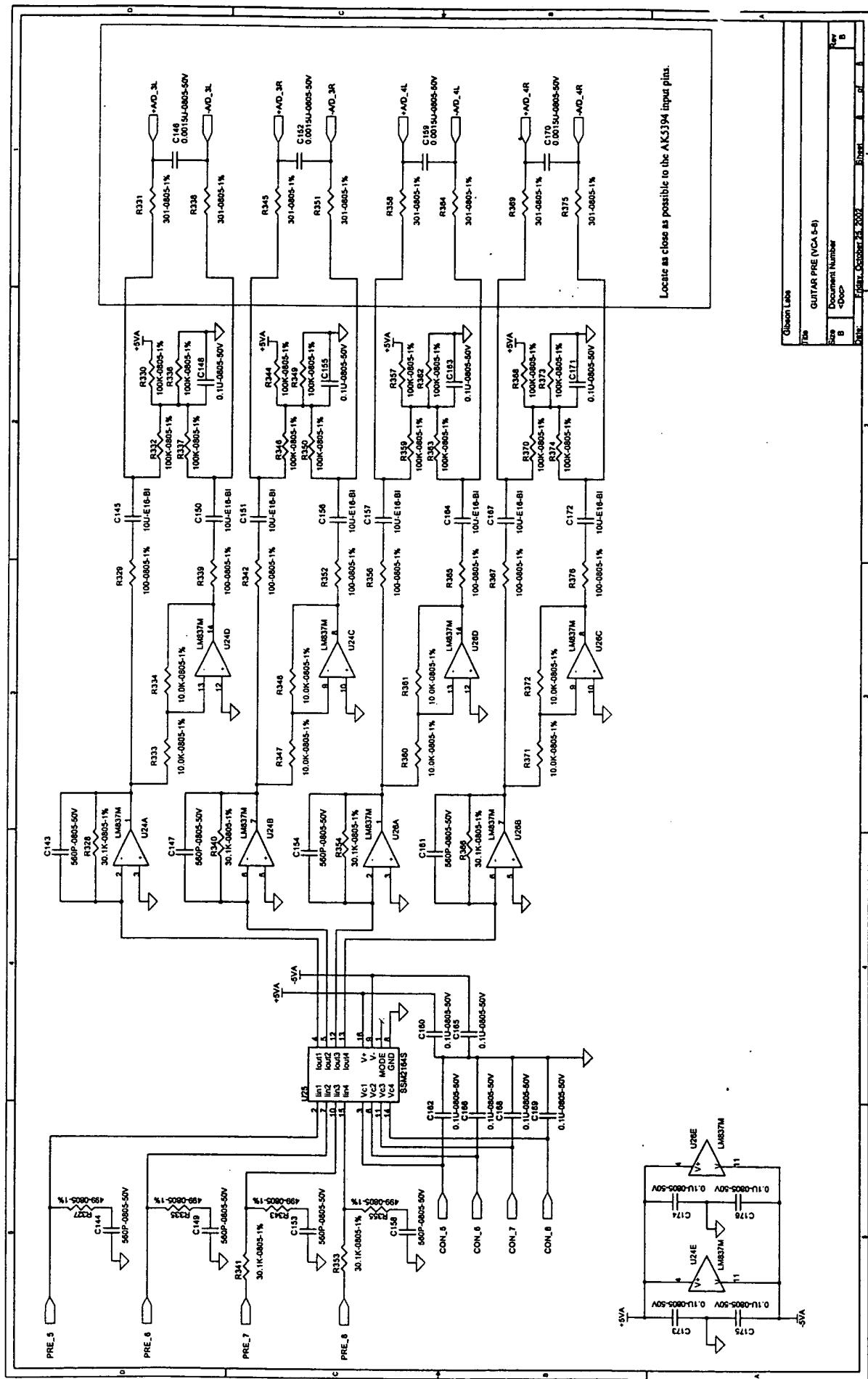


Fig. 34





Design Date	TIME	GUITAR PRE (VCA & I)
Document Number	Size	Rev
4000	8	1

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